

## **ABSTRACT**

**[0029]** A system and method for mapping a network to facilitating configuration is disclosed. Address registration information is appended to an enhanced local management interface message sent between devices in a network of routers and switches. A network management system for an outside network can use that information to map out the network and configure the network as needed. The address registration information includes an Internet Protocol address and an interface index. The interface index includes both slot and port number.